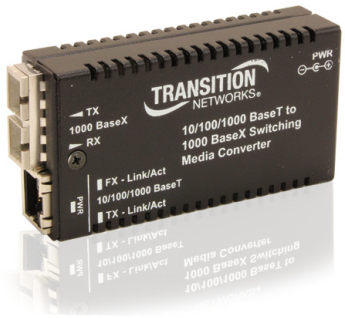
AUTO NEG | AUTO CROSS | LINK PASS THRU | AUTO LINK RESTORE

stand-alone media converter

M/GE-PSW-xX-01

Mini 10/100/1000 Bridging Media Converter



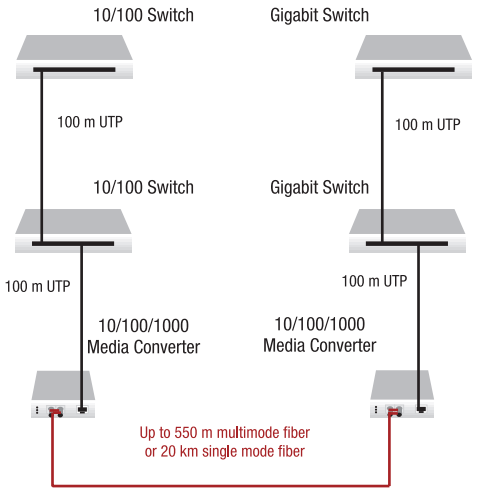
The Mini Media Converters provide a cost-effective method for integrating fiber optic cabling into a 10/100/1000 UTP environment. With its miniature size, the Mini offers a space saving alternative while it converts copper to fiber with the smallest footprint available in the industry.

- **Connect Legacy Networking Equipment**
  Connect an existing 10/100 Mbps device to 1000 Mbps devices.
- **Space Saving Design**

Features

- Unit &Port LEDs allow for quick status information
- Auto-Negotiation
- Fixed Full-Duplex on fiber
- AutoCross™ [
- Fixed Link Pass Through
- Automatic Link Restoration

Extend Network Distance



Specifications

Standards	IEEE Std. 802.3
Max Frame Size	**untagged:** 1632 bytes **tagged:** 1628 bytes
Status LEDs	**PWR (Power):** (below RJ-45) ON = Lit for normal operation **FX-Link/Act (Fiber Link/Activity):** (Upper Left on RJ-45) ON = Link; Flashing = Activity **TX-Link/Act (Copper Link/Activity):** (Upper Right on RJ-45) ON = Link; Flashing = Activity
Dimensions	**Width:** 1.8" [46 mm] **Depth:** 3.3" [85 mm] **Height:** 0.85" [22 mm]
Power Consumption	3.15 Watts
Power Sources	Unit accepts 5 VDC to 28 VDC Wall Mount AC adapter: 12 VDC 400mA
Operating Temp	0°C to 50°C (32°F to 122°F)
Storage Temp	-15°C to 65°C (-5°F to 149°F)
Humidity	5% – 95% humidity non-condensing
Altitude	0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	**Wall Mount Power Supply:** UL Listed, C-UL Listed (Canada)
Regulatory Compliance	FCC Class A, CISPR22/EN55022 Class A, EN55024, CE Mark
Warranty	Lifetime

Ordering Information

M/GE-PSW-SX-01
10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
Link Budget: 7.0 dB
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB

M/GE-PSW-LX-01
10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-LX 1310nm SM (SC)
[10 km/6.2 mi.] Link Budget: 10.5 dB

M/GE-PSW-LX-01(100)
10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-LX 1310nm TX/1550nm RX single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

M/GE-PSW-LX-01(101)
10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-LX 1550nm TX/1310nm RX single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

Long Haul SM and Single Strand SM are available upon request.

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supply

SPS-2460-SA
Stand-Alone Power Supply

Mounting Options

WMBM
Wall Mount Bracket for Mini

RMBM
Rack Mount Bracket for Mini Media Converters in the RMS19-SA4-01 and/or E-MCR-05

Stand-Alone

10/100/1000 Bridging 10/100/1000BASE-T to 1000BASE-SX/LX

TRANSITION NETWORKS